

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	10/792062	US-PGPUB; USPAT	OR	OFF	2011/01/18 10:59
L2	5351	455/411	US-PGPUB; USPAT	OR	OFF	2011/01/18 11:02
S242	2	"20040248551"	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S243	27	location adj determination near5 (authenticat\$3 (( MD5 MD-5) adj algorithm))	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S244	16	location adj determination and location adj disclosure	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S245	1	S244 and location near2 determin\$5 near5 (authenticat\$3 AAA)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S246	268	location near2 determin\$5 near5 (authenticat\$3 AAA)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S247	373	(location position) near2 determin\$5 near5 (authenticat\$3 AAA)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S248	436	(location position) near2 (disclos\$4 transmi\$7 send \$3) near5 (authenticat\$3 AAA)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S249	62	S247 and S248	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S250	2385	location near2 disclos\$3 and location near4 (determin\$5 estimat\$3)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S251	35	location near2 (transmission disclos\$3) near5 (authenticat\$3 security) and location near4 (determin\$5 estimat \$3) near5 (authenticat\$3 security)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25



S252	26	location near2 (transmission disclos\$3) near5 (authenticat\$3 encrypt\$3 PKI (public adj key)) and location near4 (determin\$5 estimat\$3) near5 (authenticat\$3 encrypt\$3 PKI (public adj key))	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S253	1	location adj disclosure near4 encrypt\$3	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S254	1	location adj disclosure near4 authenticat\$3	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S255	0	location adj disclosure near4 pki	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S256	972	location adj information near5 (authenticat\$3 encrypt\$3)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S257	142	location adj information near5 (authenticat\$3 encrypt\$3) and (location near3 determin\$5) near10 (authenticat\$3 encrypt\$3)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S258	23	location adj information near5 (authenticat\$3 encrypt\$3) and (location near3 determin\$5) near10 (authenticat\$3 encrypt\$3) near15 key	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S259	17	location adj information near5 (authenticat\$3 encrypt\$3) near15 key and (location near3 determin\$5) near10 (authenticat\$3 encrypt\$3) near15 key	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S260	4	(location position) near2 determination near5 (encrypt\$3 authenticat\$3) near5 key	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S261	142	location adj information near5 (authenticat\$3 encrypt\$3) and (location near3 determin\$5) near10 (authenticat\$3 encrypt\$3)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S262	244416	location adj information near5 (authenticat\$3 encrypt\$3) and (location near3 determin\$5) near10 (authenticat\$3 encrypt\$3) (location position) near5 (disclos\$4 transmi\$7)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25



S263	6755	different adj keys	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S264	1	10/792062	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S265	457	(location near3 (provid\$3 disclos\$3)) near15 (encrypt \$3 authenticat\$3)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S266	40	(location near3 (provid\$3 disclos\$3)) near15 (encrypt \$3 authenticat\$3) and (location position) near3 (determin\$5 estimat\$3) near5 (encrypt\$3 authenticat\$3)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S267	943658	(position location) near2 determin\$7 near6 (authenticat\$3 same key) and (disclos\$3 transmi\$7 provid\$3) near4 (authenticat \$3 same key)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S268	48062	(position location) near2 determin\$7 near6 (authenticat\$3 same key) and (disclos\$3 transmi\$7 provid\$3) near4 (authenticat \$3 same key)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S269	1	(position location) near2 determin\$7 near6 (authenticat\$3 same key) and (disclos\$3 transmi\$7 provid\$3) near4 (authenticat\$3 same key)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S270	456	(position location) near2 determin\$7 near6 (authenticat\$3 encrypt\$3 decrypt\$3) and (disclos\$3 transmi\$7 provid\$3) near4 (authenticat\$3 decrypt\$3 encrypt\$3)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S271	81	(position location) near2 determin\$7 near6 (authenticat\$3 encrypt\$3 decrypt\$3) and (disclos\$3 transmi\$7 provid\$3) near4 (authenticat\$3 decrypt\$3 encrypt\$3) and (location position) near3 request\$3 same authenticat\$3	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25



S272	97	(position location) near2 determin\$7 near6 (authenticat\$3 encrypt\$3 decrypt\$3) and (disclos\$3 transmi\$7 provid\$3) near4 (authenticat\$3 decrypt\$3 encrypt\$3) and (key near2 different)	US-PGPUB; USPAT	OR	ON	2011/01/17 21:25
S273	28	((position location) near2 determin\$7 near6 (authenticat\$3 encrypt\$3 decrypt\$3) and (disclos\$3 transmi\$7 provid\$3) near4 (authenticat\$3 decrypt\$3 encrypt\$3) and (key near2 different) and (location position) adj information	US-PGPUB; USPAT	OR	ON	2011/01/17 21:25
S274	675	((location position) near2 (determin\$5) near2 (entity entities)) and PDE	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S275	1	S274 and ((location position) near2 (determin\$5) near2 (entity entities)) near5 (authenticat\$3 encrypt\$3 decrypt\$3)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S276	26	"6385458"	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S277	1	"20020077119"	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S278	5	S274 and ((location position) near2 (determin\$5) near2 (entity entities)) near5 (authoriz\$3 authenticat\$3 encrypt\$3 decrypt\$3)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S279	4208534	@ad<"20030305"	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S280	3332	(location position) near4 (determin\$7) near10 (authoriz\$5 encrypt\$3 secure decrypt\$3 authenticat\$3)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S281	1111	S279 and S280	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S282	5291	((location position) near4 (send\$3 transmi\$7 provid\$3 disclos\$3 distribut\$3) near10 (authoriz\$5 encrypt\$3 secure decrypt\$3 authenticat\$3)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S283	283	S281 and S282	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25



S284	219	S283 and (location position) same (((mobile wireless portable handheld cell\$4) adj (phone telephone terminal device station unit subscriber user computer client)) user subscriber) same (encrypt \$3 authenticat\$3 authoriz \$5 decrypt\$3)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S285	196	S283 and (location position) same (((mobile wireless portable handheld cell\$4) adj (phone telephone terminal device station unit subscriber user computer client)) user subscriber) same (encrypt \$3 authenticat\$3 authoriz \$5 decrypt\$3) and (location position) near3 information	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S286	132	S283 and (location position) same (((mobile wireless portable handheld cell\$4) adj (phone telephone terminal device station unit subscriber user computer client)) user subscriber) same (encrypt \$3 authenticat\$3 authoriz \$5 decrypt\$3) and (location position) adj information	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S287	77	S283 and (location position) same (((mobile wireless portable handheld cell\$4) adj (phone telephone terminal device station unit subscriber user computer client)) user subscriber) same (encrypt \$3 authenticat\$3 authoriz \$5 decrypt\$3) and (location position) adj information and (location position) near2 request\$3	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S288	1	LCS adj sessions	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S289	0	LCS near5 different adj session	US-PGPUB; USPAT	OR	ON	2011/01/17 21:25
S290	1412	(location position) near2 service near5 different	US-PGPUB; USPAT	OR	ON	2011/01/17 21:25



S291	5	(location position) near2 service near5 different and different near5 ((security authenticat\$3 encrypt\$3) adj (procedure process))	US-PGPUB; USPAT	OR	ON	2011/01/17 21:25
S292	117	(location position) near2 (determin\$5 calculat\$3 estimat\$3) near10 (authoriz \$5 and (encrypt\$3 authenticat\$3 encrypt\$3))	US-PGPUB; USPAT	OR	ON	2011/01/17 21:25
S293	125	(location position) near2 (determin\$5 calculat\$3 estimat\$3) near10 (authoriz \$5 near25 (encrypt\$3 authenticat\$3 encrypt\$3))	US-PGPUB; USPAT	OR	ON	2011/01/17 21:25
S294	75	(location position) near2 (disclo\$3 transmi\$7 provid \$3 send\$3) near10 (authoriz\$5 near25 (encrypt \$3 authenticat\$3 encrypt \$3))	US-PGPUB; USPAT	OR	ON	2011/01/17 21:25
S295	10	S293 and S294	US-PGPUB; USPAT	OR	ON	2011/01/17 21:25
S296	368	(location position) near12 (disclo\$3 transmi\$7 provid \$3 send\$3) near10 (authoriz\$5 near25 (encrypt \$3 authenticat\$3 encrypt \$3))	US-PGPUB; USPAT	OR	ON	2011/01/17 21:25
S297	27	S293 and S296	US-PGPUB; USPAT	OR	ON	2011/01/17 21:25
S298	182	(location position) adj information near10 (authenticat\$3 same authoriz\$5)	US-PGPUB; USPAT	OR	ON	2011/01/17 21:25
S299	35	S279 and S298	US-PGPUB; USPAT	OR	ON	2011/01/17 21:25
S300	5	(lcs location position) adj server near5 (authoriz\$5) near10 (location position) adj information same (authenticat\$3 authoriz\$5)	US-PGPUB; USPAT	OR	ON	2011/01/17 21:25
S301	8	(location position) adj information same (first and second) adj security	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S302	30	"6064741"	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S303	2512	380/270	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S304	604	380/258	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25



S305	1145	380/247	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S306	2	"20040248551"	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S307	41	(location adj (information data)) near4 (availab\$5) near5 (determin\$5 verif\$7 check\$3) near5 (memory database cache (location adj cache))	US-PGPUB; USPAT	OR	ON	2011/01/17 21:25
S308	7	(location adj determination) near5 key same (authenticat\$3 authoriz\$5)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S309	7	(location adj determination) near5 key same (authenticat\$3 authoriz\$5)	US-PGPUB; USPAT	OR	ON	2011/01/17 21:25
S310	13	(location near4 determin\$7) near25 (key near2 (obtain\$3 session deriv\$5)) same (authenticat\$3 authoriz\$5)	US-PGPUB; USPAT	OR	ON	2011/01/17 21:25
S311	13	(location near4 determin\$7) near25 (key near2 (obtain\$3 exchang\$3 session deriv\$5)) same (authenticat\$3 authoriz\$5)	US-PGPUB; USPAT	OR	ON	2011/01/17 21:25
S312	1	"20080144640"	US-PGPUB; USPAT	OR	ON	2011/01/17 21:25
S313	30	"6064741"	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S314	3	2002/0004399	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S315	1	"20020004399"	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S316	2	"20030119481"	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S317	9704	(location position) near3 (determin\$5) same (location position) near5 (disclos\$4 distribut\$3)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S318	129	S317 and (location position) near4 determin\$7 near35 (authoriz\$3 authenticat\$3)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S319	49	S317 and (location position) near4 (disclos\$3 distribut\$4) near35 (authoriz\$5 authenticat\$5)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25



S320	25	S318 and S319	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S321	0	"10792062"	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S322	1	"10/792062"	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S323	4208534	@ad<"20030305"	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S324	0	S322 and S323	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S325	9	S320 and S323	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S326	4	S325 and (position location) near4 (request\$3 quer\$5)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S327	1	location near3 service and (location position) near25 cache and (location near2 disclos\$4) near5 authoriz \$7	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S328	2	(location position) near25 cache and (location near2 disclos\$4) near5 authoriz \$7	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S329	71	rowitch.in.	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S330	2	S329 and (location near4 disclosure)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S331	256	(location position) adj information near4 cache and (location position) near5 (request\$3 quer\$6)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S332	169	(location position) adj information near4 cache and (location position) near5 (request\$3 quer\$6) and (location) near5 determin\$6	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S333	73	S323 and S332	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S334	34864	request\$3 same (authoriz \$7) and authenticat\$7	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S335	2339	(location position) near15 request\$3 same (authoriz \$7) and authenticat\$7	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S336	1082	(location position) near15 request\$3 same (authoriz \$7) same authenticat\$7	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25



S337	7	S333 and S336	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S338	13	((position adj determin\$5 adj (equipment entity)) PDE LFE (location adj finding adj (entity equipment))) near10 (authoriz\$5 and authenticat \$5)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S339	4208534	@ad< "20030305"	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S340	0	S338 and S339	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S341	37	((position adj determin\$5 adj (equipment entity)) PDE LFE (location adj finding adj (entity equipment))) near10 (authoriz\$5 authenticat\$5)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S342	1	S339 and S341	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S343	873	((position adj determin\$5 adj (equipment entity)) GPS PDE LFE (location adj finding adj (entity equipment))) near10 (authoriz\$5 authenticat\$5)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S344	13	((position adj determin\$5 adj (equipment entity)) GPS PDE LFE (location adj finding adj (entity equipment))) near10 (authoriz\$5 authenticat\$5) same (location position) near5 request\$3 same (location adj server)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S345	5	(location position) near4 determin\$7 near25 (authoriz\$7 authenticat\$4) near25 (GPS LDE PDE) near25 ((location adj server) LCS)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S346	181	(location position) near3 determination near5 (authoriz\$7 authenticat\$5)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S347	53	S339 and S346	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S348	1231	(location position) near3 determin\$7 near5 (authoriz \$7 authenticat\$5)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25



S349	57	(location position) near3 determin\$7 near5 (authoriz \$7 and authenticat\$5)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S350	19	S339 and S349	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S351	11	S350 and (location position) adj (information)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S352	10	S351 and (location position) near4 request\$3	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S353	61	location adj determination near5 (authoriz\$5 authenticat\$3)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S354	4208534	@ad<"20030305"	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S355	14	S353 and S354	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S356	0	location adj determination near25 GPS near25 (authenticat\$3 same authoriz\$7)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S357	6	((PDE LDE LFE) ((position location) adj determin\$5)) same GPS near25 (authenticat\$3 same authoriz\$7)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S358	2	S354 and S357	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S359	0	LCS near10 (key adj exchange) and location near5 request\$3	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S360	0	LCS near10 (key near4 exchange) and location near5 request\$3	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S361	9	location adj server same (LDE PDE LFE) same (location position) near4 request\$3 same (authoriz \$5 authenticat\$5)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S362	1	S354 and S361	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S363	7	location adj server same (LDE PDE LFE) near15 (authoriz\$5 authenticat\$5) and (location position) near4 request\$3	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S364	1	S354 and S363	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25



S365	37	location adj server same (location position) near3 determin\$7 near15 (authoriz\$5 authenticat\$5) and (location position) near2 information	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S366	6	S354 and S365	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S367	16	((lcs adj server) ((location position) adj server)) same (PDE LFE LDE GPS) same (authoriz\$7 verif\$7) same authenticat\$4	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S368	1	S354 and S367	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S369	23	((PDE LDE LFE) ((position location) adj determin\$5 adj (entity equipment))) near5 (authoriz\$6 authenticat\$5)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S370	3305159	S354 and "20"	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S371	0	S354 and S369	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S372	45	((PDE LDE LFE) ((position location) adj determin\$5 adj (entity equipment))) near15 (authoriz\$6 authenticat\$5)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S373	2	S354 and S372	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S374	139	((mobile portable wireless cell\$4 handheld) adj (phone telephone terminal device unit station)) near25 GPS near25 (location position) near5 (calculat\$3 determin\$7) same (authoriz\$7 authenticat\$3)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S375	45	((mobile portable wireless cell\$4 handheld) adj (phone telephone terminal device unit station)) near25 GPS near25 (location position) near5 (calculat\$3 determin\$7) near25 (authoriz\$7 authenticat\$3)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S376	10	S354 and S375	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25



S377	0	S376 and (((location position) adj server) (LCS adj server))	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S378	9	S376 and (location position) near5 request\$3	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S379	42	((mobile portable wireless cell\$4 handheld) adj (phone telephone terminal device unit station)) same GPS same (location position) near5 (calculat\$3 determin\$7) same (authoriz\$7 same authenticat\$3)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S380	3	S354 and S379	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S381	7	((mobile portable wireless cell\$4 handheld) adj (phone telephone terminal device unit station)) near24 (location position) near5 (service request\$3) and GPS near25 (location position) near25 (authoriz\$7 same authenticat\$3)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S382	2	S354 and S381	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S383	8	((mobile portable wireless cell\$4 handheld) adj (phone equipment apparatus telephone terminal device unit station)) MS MT) near24 (location position) near5 (service request\$3) and GPS near25 (location position) near25 (authoriz\$7 same authenticat\$3)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S384	6	((mobile portable wireless cell\$4 handheld) adj (phone equipment apparatus telephone terminal device unit station)) MS MT) same (location position) near5 (service request\$3) and GPS near25 (location position) near25 (authoriz\$7 same authenticat\$3)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25



S385	18	((mobile portable wireless cell\$4 handheld) adj (phone equipment apparatus telephone terminal device unit station)) MS MT) same (location position) and GPS near25 (location position) near25 (authoriz\$7 same authenticat\$3)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S386	5	S354 and S385	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S387	22	GPS near25 (location position) near25 (authoriz \$7 same authenticat\$3)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S388	7	S354 and S387	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S389	413	GPS near25 (location position) near25 (authoriz \$7)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S390	244	((mobile portable wireless cell\$4 handheld) adj (phone equipment apparatus telephone terminal device unit station)) MS MT) same (location position) and GPS near25 (location position) near25 (authoriz\$7)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S391	44	S354 and S390	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S392	22	S391 and authenticat\$5	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S393	261	GPS near5 (location position) near15 (authoriz \$7)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S394	62	S354 and S393	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S395	16	S394 and (location position) near4 request\$3	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S396	5	S395 and authenticat\$3	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S397	57	(GPS PDE LDE LFE) near6 authoriz\$7 near25 (location position) near5 (determin\$7 calculat\$4 deriv\$4)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S398	19	S354 and S397	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25



S399	21	((location position) adj server) (LCS adj server) near5 authorization near4 request\$3	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S400	13	S354 and S399	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S401	1	((location position) adj server) (LCS adj server) near5 authorization same (PDE LFE GPS)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S402	13	((location position) adj server) (LCS adj server) near5 authoriz\$7 same (PDE LFE GPS)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S403	2	S354 and S402	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S404	21	((location position) adj server) (LCS adj server) near15 authoriz\$7 same (PDE LFE GPS)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S405	863254	S354 and "53"	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S406	5	S354 and S404	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S407	8	((mobile portable wireless cell\$4 handheld) adj (phone equipment apparatus telephone terminal device unit station)) MS MT) same own near2 (location position) same (authoriz\$7 same authenticat\$3)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S408	1	S354 and S407	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S409	0	(determin\$5 calculat\$3) near3 own near2 (position location) near15 (authoriz \$7 and authenticat\$3)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S410	0	(determin\$5 calculat\$3) near3 own near2 (position location) near25 (authoriz \$7 and authenticat\$3)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S411	0	own near2 (position location) near25 (authoriz \$7 and authenticat\$3)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S412	36	own near2 (position location) near25 (authoriz \$7)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25



S413	4208534	@ad< "20030305"	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S414	14	S412 and S413	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S415	6	S414 and authenticat\$3	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S416	84	(location position) near3 request\$3 and (LDE PDE LFE GPS) near5 authoriz\$7	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S417	12	S413 and S416	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S418	6	(location adj server) same (location position) adj determin\$7 near25 (authoriz\$7)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S419	22	((((position location) adj (finding determining) adj (entity equipment)) lfe lde pde) near5 (authoriz\$7 authenticat\$) and (location position) near5 request\$3	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S420	0	S413 and S419	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S421	22	((((position location) adj (finding determining) adj (entity equipment)) lfe lde pde) near5 (authoriz\$7 authenticat\$) and (location position) near5 information	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S422	22	((((position location) adj (finding determining) adj (entity equipment)) lfe lde pde) near5 (authoriz\$7 authenticat\$) and (location position)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S423	676	((((position location) adj (finding determining) adj (entity equipment)) lfe lde pde gps (location adj server)) near5 (authoriz\$7 authenticat\$) and (location position)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S424	302	((((position location) adj (finding determining) adj (entity equipment)) lfe lde pde gps (location adj server)) near5 (authoriz\$7 authenticat\$) and (location position) near5 request\$3	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S425	90	S413 and S424	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25



S426	49	((((position location) adj (finding determining) adj (entity equipment)) lfe lde pde gps (location adj server)) near5 (authoriz\$7 and authenticat\$) and (location position) near5 request\$3	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S427	19	S413 and S426	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S428	1442	fitch.in.	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S429	39	fitch.in. same james	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S430	16	fitch.in. same james and location adj information	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S431	600353	fitch.in. same james and location adj information sme manag\$3	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S432	4	fitch.in. same james and location adj information same manag\$3	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S433	38	((location adj finding adj equipment) (LFE) (position adj determin\$6 adj equipment) (PDE)) same (authoriz\$7 and authenticat\$3)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S434	3	S413 and S433	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S435	22	((((position location) adj (finding determining) adj (entity center centre equipment)) lfe lde pde) near5 (authoriz\$7 authenticat\$) and (location position) near5 request\$3	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S436	43	((((position location) adj (finding determining) adj (entity center centre equipment)) lfe lde pde) near15 (authoriz\$7 authenticat\$) and (location position) near5 request\$3	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S437	1	S413 and S436	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25



S438	22	((((position location) adj (finding determining) adj (entity center centre equipment)) lfe lde pde) near15 (authoriz\$7 authenticat\$) near5 request \$3	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S439	0	((((mobile wireless portable hadheld cell\$4) adj (phone equipment telephone terminal unit station device)) MS MT) near5 own adj (position location) same (authoriz\$7)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S440	0	((((mobile wireless portable hadheld cell\$4) adj (phone equipment telephone terminal unit station device)) MS MT apparatus) near5 own adj (position location) same (authoriz \$7)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S441	0	((((mobile wireless portable hadheld cell\$4) adj (phone equipment telephone terminal unit station device)) MS MT terminal apparatus) near5 own adj (position location) same (authoriz\$7)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S442	12	((((mobile wireless portable hadheld cell\$4) adj (phone apparatus equipment telephone terminal unit station device)) MS MT terminal device apparatus) near5 own adj (position location) same (authoriz \$7)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S443	7	S413 and S442	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S444	3	(location position) adj determin\$7 adj (entity equipment center centre) near10 (authorizat\$7) same gps	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S445	2	AGPS near5 authorization	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S446	12430	((((location position) adj (determin\$7 finding) adj (entity equipment center centre)) PDE LFE LDE)	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25



S447	97	((((location position) adj (determin\$7 finding) adj (entity equipment center centre)) PDE LFE LDE) near10 (authenticat\$7 authoriz\$7 verif\$7))	US-PGPUB; USPAT	OR	ON	2011/01/17 21:25
S448	39	S413 and S447	US-PGPUB; USPAT	OR	ON	2011/01/17 21:25
S449	11	S448 and (location position) near5 request\$3	US-PGPUB; USPAT	OR	ON	2011/01/17 21:25
S450	12	authorization near5 request\$3 same ((PDE LFE LFE (positioning adj (circuit device))) ((position location) adj (finding determining) adj (entity equipment)))	US-PGPUB; USPAT	OR	ON	2011/01/17 21:25
S451	13	((location adj server) near10 (authoriz\$6 authenticat\$3) near10 (PDE LFE LDE ((position location) adj (finding determining) adj (entity equipment)) gps)	US-PGPUB; USPAT	OR	ON	2011/01/17 21:25
S452	14	((location adj server) (lcs adj server)) near10 (authoriz\$6 authenticat\$3) near25 (PDE LFE LDE ((position location) adj (finding determining) adj (entity equipment)) gps)	US-PGPUB; USPAT	OR	ON	2011/01/17 21:25
S453	0	S413 and S452	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S454	35	((location adj server) (lcs adj server)) near10 (authoriz\$6 authenticat\$3) same (PDE LFE LDE ((position location) adj (finding determining) adj (entity equipment)) gps)	US-PGPUB; USPAT	OR	ON	2011/01/17 21:25
S455	5	S413 and S454	US-PGPUB; USPAT	OR	ON	2011/01/17 21:25
S456	0	"10792062"	US-PGPUB; USPAT	OR	ON	2011/01/17 21:25
S457	1	"10/792062"	US-PGPUB; USPAT	OR	ON	2011/01/17 21:25
S458	16	serving adj network same home adj network same location adj service	US-PGPUB; USPAT	OR	ON	2011/01/17 21:25
S459	3	location adj server same H-aaa	US-PGPUB; USPAT	OR	ON	2011/01/17 21:25



S460	75	((location adj server) (LCS adj server)) same H-aaa	US-PGPUB; USPAT	OR	ON	2011/01/17 21:25
S461	3	((location adj server) (LCS adj server)) same H-aaa	US-PGPUB; USPAT	OR	ON	2011/01/17 21:25
S462	4	((location adj server) (LCS adj server)) and H-AAA	US-PGPUB; USPAT	OR	ON	2011/01/17 21:25
S463	385	((location adj server) (LCS adj server)) and aAA	US-PGPUB; USPAT	OR	ON	2011/01/17 21:25
S464	76	((location adj server) (LCS adj server)) same AAA	US-PGPUB; USPAT	OR	ON	2011/01/17 21:25
S465	3	((location adj server) (LCS adj server)) same AAA same gmlc	US-PGPUB; USPAT	OR	ON	2011/01/17 21:25
S466	30	((location adj server) (LCS adj server)) same AAA and location near4 request\$3	US-PGPUB; USPAT	OR	ON	2011/01/17 21:25
S467	4208534	@ad<"20030305"	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S468	2	S466 and S467	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:25
S469	30	((location adj server) (LCS adj server)) same AAA and (location position) near3 request\$3	US-PGPUB; USPAT	OR	ON	2011/01/17 21:25
S470	0	location near3 request\$3 same AAA	US-PGPUB; USPAT	OR	ON	2011/01/17 21:25
S471	93	location near3 request\$3 same AAA	US-PGPUB; USPAT	OR	ON	2011/01/17 21:25
S472	14	S467 and S471	US-PGPUB; USPAT	OR	ON	2011/01/17 21:25
S473	604	380/258	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:48
S474	3485	455/435.1	US-PGPUB; USPAT	OR	ON	2011/01/17 21:48
S475	66232	455/456.2 455/456.1 455/456.3 455/457 455/456.4 455/456.5 455/456.6 709/203 709/223 709/225 380/258	US-PGPUB; USPAT	OR	OFF	2011/01/17 21:52
S476	0	((location adj service) and LCS and authoriz\$7 and (location adj information) and authenticat\$3 and skip \$4 and security and suitable and cache) clm.	US-PGPUB; USPAT	OR	ON	2011/01/17 22:04

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